

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A device for introducing a gas into a hot medium, comprising a pipe and a cooling jacket that encases said pipe up to its orifice, wherein the surface of the pipe and/or cooling jacket that is in contact with the gas that is to be introduced is platinum or a platinum alloy.
2. (Cancelled)
3. (Previously Presented) A device according to claim 1, wherein a coolant is present in the cooling jacket wherein said coolant is a gas or a gas mixture, an oil or an oil mixture, a silicone oil or a silicone oil mixture, water or an aqueous solution.
4. (Currently Amended) A combination of  
(1) a device according to claim 1 for introducing a gas into a hot medium, said device comprising a pipe and a cooling jacket that encases said pipe, wherein the surface of the pipe and/or cooling jacket that is in contact with the gas that is to be introduced is platinum or a platinum alloy and  
(2) a gas that is introduced, wherein the gas that is introduced is chlorine gas or a mixture of gases containing chlorine gas.
5. (Cancelled)
6. (Currently Amended) A combination of a device according to claim 1 and a hot medium, wherein the hot medium is melted glass.
7. (Currently Amended) A combination of a device according to claim 1 and a glass-melting tank or a crucible, wherein the hot medium is in a glass-melting tank or in a

crucible.

8. (Previously Presented) A process for introducing a gas into a hot medium, comprising passing the gas into the hot medium via a device according to claim 1.

9. (Previously Presented) A process according to claim 8, wherein the cooling jacket encases the pipe up to its orifice.

10. (Previously Presented) A process according to claim 8, wherein the cooling jacket is cooled with water or an aqueous solution.

11. (Previously Presented) A process according to claim 8, wherein the gas is chlorine gas or a mixture of gases containing chlorine gas.

12. (Previously Presented) A process according to claim 8, wherein the hot medium is melted glass.

13. (Previously Presented) A process according to claim 8, wherein the gas is introduced into a glass-melting tank or into a crucible.

14. (Previously Presented) A process according to claim 8, wherein the process is performed continuously.

15. (Cancelled)

16. (Previously Presented) A device according to claim 1, wherein the pipe is made of steel and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.

17. (Currently Amended) A device according to claim 1 for introducing a gas into a

hot medium, comprising a pipe and a cooling jacket that encases said pipe, wherein the pipe is made of a plastic with fluorine content and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.

18. (Previously Presented) A device according to claim 1, wherein the pipe is made of a material other than platinum or a platinum alloy and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.

19. (Previously Presented) A method for preparing a laser glass comprising introducing a gas into a glass melt from which the laser glass is to be produced through a device which is in accord to claim 1.

20. (Previously Presented) A method according to claim 19, wherein the method is performed continuously.

21. (Previously Presented) A method according to claim 19, wherein the gas is chlorine gas or a mixture of gases containing chlorine gas.

22. (Previously Presented) A method according to claim 19, wherein the pipe is made of steel and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.